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Roland K. Bowler II

Applicant:	WALCZAK ET AL.)	Examiner S. Bhattacharya
Appl. No.	09/769,122)	Art Unit 2685
Confirm. No.	5562)	Atty. Docket No. CS10560
Filed:	24 January 2001)	
Title:	"Method And System For Validating A Mobile Station Location Fix"		

TRANSMITTAL UNDER 37 CFR 41.31

Assistant Commissioner for Patents
Alexandria, Virginia 22313

Sir:

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CENTRAL FAX CENTERWALCZAK ET AL.
"Method And System for Validating A
Mobile Station Location Fix"
Atty. Docket No. CS10560

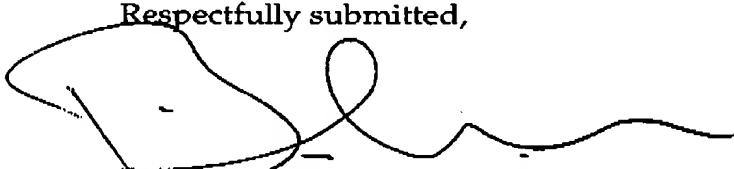
NOV 15 2005

Appl. No. 09/769,122
Confirm. No. 5562
Examiner S. Bhattacharya
Art Unit 2685

The following is enclosed in response to the non-final Office Action of 12 August 2005:

- Notice of Appeal Under 37 CFR 41.31 (1 page);
- Pre-Appeal Brief Review Request (5 pages);
- Petition under 37 CFR 1.136(a); and
- Fee Calculation Sheet (DUPLICATE).

Respectfully submitted,

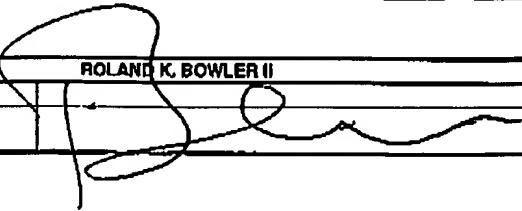

ROLAND K. BOWLER II 15 Nov. 2005
REG. NO. 33,477

MOTOROLA, INC.
INTELLECTUAL PROPERTY DEPT. (RKB)
600 NORTH U.S. HIGHWAY 45, AN475
LIBERTYVILLE, ILLINOIS 60048

TELEPHONE NO. (847) 523-3978
FACSIMILE NO. (847) 523-2350

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FEE TRANSMITTAL <small>Patent fees are subject to annual revision</small> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>					Complete If Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Application Number</td> <td colspan="3">09/796,122</td> </tr> <tr> <td colspan="2">Filing Date</td> <td colspan="3">24 January 2004</td> </tr> <tr> <td colspan="2">First Named Inventor</td> <td colspan="3">WALCZAK</td> </tr> <tr> <td colspan="2">Examiner Name</td> <td colspan="3">S. Bhattacharya</td> </tr> <tr> <td colspan="2">Group Art Unit</td> <td colspan="3">2687</td> </tr> <tr> <td colspan="2">Attorney Docket No.</td> <td colspan="3">CS10560</td> </tr> </table>					Application Number		09/796,122			Filing Date		24 January 2004			First Named Inventor		WALCZAK			Examiner Name		S. Bhattacharya			Group Art Unit		2687			Attorney Docket No.		CS10560																																																																																																																																							
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2. EXTRA CLAIM FEES <small>Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent Multiple Dependent Claims</small> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Total Claims</td> <td>Extra Claims</td> <td>Fee (\$)</td> <td>Fee Paid (\$)</td> <td>Multiple Dependent Claims</td> <td>Fee (\$)</td> <td>Fee Paid (\$)</td> </tr> <tr> <td>- 20 or HP =</td> <td></td> <td>x 50</td> <td>=</td> <td></td> <td></td> <td></td> </tr> <tr> <td>HP = highest number of total claims paid for, if greater than 3</td> <td></td> <td></td> <td></td> <td>380</td> <td></td> <td></td> </tr> </table>					Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)	- 20 or HP =		x 50	=				HP = highest number of total claims paid for, if greater than 3				380			3. APPLICATION SIZE FEE <small>If the specification and drawings exceed 100 sheets of paper, the application size fee is \$250 (\$125 for small entity) For each additional 50 sheets or fraction thereof, See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(b).</small> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof</td> <td>Fee (\$)</td> <td>Fee Paid (\$)</td> </tr> <tr> <td>- 100 =</td> <td></td> <td>(round up to a whole number)</td> <td>x 250</td> <td>=</td> </tr> </table>					Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)	- 100 =		(round up to a whole number)	x 250	=																																																																																																																																				
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Title: "Method And System For Validating A Mobile Station Location Fix"

PRE-APPEAL BRIEF REVIEW REQUEST

Assistant Commissioner for Patents
Alexandria, Virginia 22313

Sir:

Request for Reconsideration & Claims Pending

The instant Request has been filed contemporaneously with a Notice of Appeal filed under 37 CFR 41.31 in response to the final Office Action mailed on 12 August 2005. No amendments have been filed under 37 CFR 1.116. Reconsideration of the claimed invention in view of the discussion below is respectfully requested.

Claims 7, 14, 16, 20, 24, 28-30, 32 and 33 were indicated as being allowable.

Claims 1-33 are pending.

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Patentability of Claims Over Kingdon

Rejection Summary

Claims 1-3, 9, 12, 13, 15 and 19 stand rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 6,411,811 (Kingdon).

Allowability of Claim 1

Regarding Claim 1, Kingdon fails to disclose or suggest a

...method for validating a non-network based location fix of a mobile station in a communications network, comprising:

generating a non-network based location fix of the mobile station;
evaluating the validity of the non-network based location fix of the mobile station by comparing the non-network based location fix with a prior network based location fix.

The Examiner's reliance on Kingdon is misplaced. At col. 3, lines 1-19 (referenced by the Examiner), Kingdon discloses a cellular communication network have multiple GPS receiver stations that provide GPS assistance data (visible satellites, ephemeris and clock correction information) to mobile terminals in the network. In Kingdon, the GPS assistance information is provided by GPS receiver station nearest the mobile terminal's local position estimate that is determined based on the base transceiver station serving the mobile terminal. King uses the assistance information to determine what satellite to use for computing location. There is no discussion in Kingdon of evaluating the validity of the non-network based location fix by comparing the non-network based location fix with a prior network based location fix of the mobile terminal. Claim 1 is thus patentably distinguished over Kingdon.

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Allowability of Claim 12

Regarding Claim 12, Kingdon fails to disclose or suggest a

... method for validating a satellite positioning system based location fix of a satellite positioning system enabled cellular mobile station in a cellular communications network, comprising:

generating a satellite positioning system based location fix of the mobile station;

evaluating the validity of the satellite positioning system based location fix by comparing the satellite positioning system based location fix to a prior network based location fix.

Kingdon discloses a cellular communication network have multiple GPS receiver stations that provide GPS assistance data (visible satellites, ephemeris and clock correction information) to mobile terminals in the network. In Kingdon, the GPS assistance information is provided by GPS receiver station nearest the mobile terminal's local position estimate, which is determined based on the base transceiver station serving the mobile terminal. King uses the assistance information to determine what satellite to use for computing location. Kingdon does not disclose or suggest evaluating the validity of the satellite positioning system based location fix by comparing the satellite positioning system based location fix to a prior network based location fix. Claim 12 is thus patentably distinguished over Kingdon.

Patentability of Claims Over Fan

Rejection Summary

Claims 21-23, 25-27 and 31 stand rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 5,906,655 (Fan).

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Allowability of Claim 21

Regarding Claim 21, Fan fails to disclose or suggest a

... method for validating a location fix of a mobile station, comprising:
generating a plurality of location fixes of the mobile station;
evaluating the validity of a recently generated location fix of the
mobile station by comparing the location fix for which the validity
determination is required to a previously generated mobile station location
fix.

At col. 3, lines 2-19, when GPS and inertial navigation unit (INU)
position determinations in a mobile machine are mismatched, Fan compares a
gyroscope heading rate with a calculated heading rate to determine whether
the INU or GPS positions are invalid. Fan does not evaluate the validity of a
recently generated location fix of the mobile station by comparing the location
fix for which the validity determination is required to a previously generated
mobile station location fix. Claim 21 is thus patentably distinguishcd over Fan.

Allowability of Claim 27

Regarding Claim 27, Fan fails to disclose or suggest a

... cellular mobile station, comprising:
a satellite positioning system signal reception interface in the mobile
station for receiving satellite positioning system signals;
a cellular communications network interface in the mobile station for
communicating with a cellular communications network;
an information processor coupled to the satellite positioning system
signal reception interface and the cellular communications network interface,
the information processor for evaluating the validity of a satellite
positioning system based location fix by comparing it to at least one prior
mobile station location fix.

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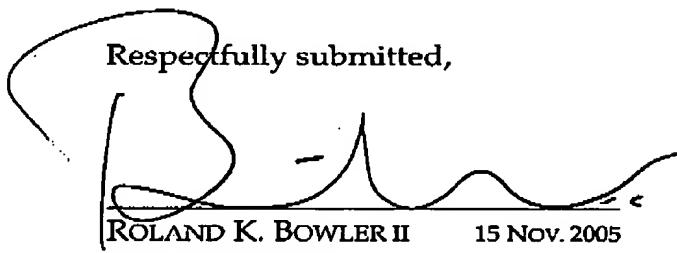
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At col. 3, lines 2-19, when GPS and inertial navigation unit (INU) position determinations in a mobile machine are mismatched, Fan compares a gyroscope heading rate with a calculated heading rate to determine whether the INU or GPS positions are invalid. Fan does not disclose an information processor for evaluating the validity of a satellite positioning system based location fix by comparing it to at least one prior mobile station location fix. Claim 27 is thus patentably distinguished over Fan.

Prayer For Relief

In view of the discussion above, the Claims of the present application are in condition for allowance. Kindly withdraw any rejections and objections and allow this application to issue as a United States Patent without further delay.

Respectfully submitted,



ROLAND K. BOWLER II
REG. NO. 33,477

15 Nov. 2005

MOTOROLA, INC.
INTELLECTUAL PROPERTY DEPT. (RKB)
600 NORTH U.S. HIGHWAY 45, AN475
LIBERTYVILLE, ILLINOIS 60048

TELEPHONE NO. (847) 523-3978
FACSIMILE NO. (847) 523-2350